



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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February 5, 2001

TO: Minerals File

FROM: Doug Jensen, Senior Reclamation Specialist *D. Jensen*

RE: Site Inspection, North Lily Mining Company, Tintic Project, M/023/007, Juab County, Utah

Date of Inspection: February 1, 2001
Time of Inspection: 9:30 a.m.
Conditions: Cool & Windy
Participants: Elwin Ewell, Walt Shubert - North Lily Mining; Bob Bayer, Steve Ashby - JBR;
Beth Wondimu - DWQ; Doug Jensen - DOGM

Purpose of Inspection: Site Inspection, Check Process Building for Additional Hazardous Waste, Check Logistics of Post-Closure Fluid Management System.

Walt and Elwin were at the site when Beth and I arrived. There is presently about four to five inches of snow at the site. We began the inspection by checking the weir and pond levels. The solution level in the preg pond continues to rise, but because the pond is covered with ice, the exact level is hard to discern. None of the pumping system was running at the time of the visit, the system has been down since Jan 2nd. There is still enough volume in the preg pond that not running any pumps at this time is not presently a concern.

The level reading at the weir continues to be .06 feet, which equates to 3.57 gpm. I suggested that Elwin take daily readings to see if the melting of the snow on the pad will impact the flow from the heap (he normally takes weekly weir readings).

Next we began to inspect the process building. The containerized barrels of hazardous waste is still in the building awaiting removal. I inspected several overhead storage areas in the building and found boxes and pallets of records. This material needs to be brought down and gone through in the near future, to see if any of these records should be saved. Leaving these records where they are stored until we begin to tear down the building could slow down the removal of the buildings. The inspection found that there is other clean-up in the building that could be performed during this slow time that would eliminate the need to hire people later on to complete.

There were no additional hazardous material found in the process building during this inspection.

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We inspected the MCC room to look at what components would need to be moved before the building can be removed. During the review Bob mentioned the present power costs at the site. The possibility of converting the site over to single phase power was discussed; Walt said he would check if a move in this direction would reduce costs. This would also eliminate the need for the transformer in the process building and the switch gear in the MCC room. Presently the only piece of equipment at the site that requires three phase power is the mister pump at the preg pond. Walt mentioned that he had located a single phase pump that would supply the required pressure and flow for this system for around \$1300. Conversion to single phase would require several breakers and switches, but I believe that they could be salvaged from the present system. If it is decided that this move would result in a savings to North Lily, the change-over should take place before the mister system is started up.

Bob gave Beth and I draft copies of JBR's post closure fluid management system document and requested that we review it while on site. He felt that some portions of the plan required on site review to conceptualize. We visited the proposed installation site to view the area. The proximity of the highway to the drain lines was discussed. I requested that JBR research and show the highway right-of-way on the drain field topo map. This would make it easier to assess the amount of room that is available in that area. Looking at the size of the system and the distance from the bottom of the pond berm, there did not appear to be enough area to place all the required drain lines in the area that was shown on the topo map.

Bob said that he would look at the concerns brought up by Beth and I and submit a final copy of the reply to the report at a later date.

Beth and I left the site for Salt Lake at 12:30 p.m.

jb
cc: Steve Flechner, NLMC
Walt Shubert, NLMC
Bob Bayer, JBR
Beth Wondimu, DWQ
Mary Ann Wright, DOGM
Wayne Hedberg, DOGM
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